

Product concept GX

OUTER FRAME

■ Profiles:

Tubular peripheral rails with or without guttering:

- 2 rails: 52mm module
- 3 rails: 101mm module

■ Assembly:

- Mitre-cut, using pin or crimp corner cleats
- Concealed lower rail drainage through machined holes (Perfopack tool) with weep hole covers.

■ Options:

- Outer frame with integrated architrave
- Groove-free outer frames. FX integration outer frame.
- Stainless, aluminium or polyamide roller tracking. Rebated guttering.

OPENING FRAME

■ Profiles:

32.6mm transom and 39.5mm mullion. Standard mullion for window (45mm depth). reinforced 81mm mullion for patio door, outer frame central mullion overall width 41mm for optimal sight lines.

■ Assembly:

Square cut. transoms slotting into mullions. Stainless screws.

■ Infill volume:

EPDM marine quality U gaskets, pre-drained. 6-24mm glass.

■ Weathering:

Double barrier consisting of brush gaskets with central blade for reinforced waterproofing. Machined drainage for lower transom.

■ Options:

- Baffle for multi-leaved modules
- Intermediate transom. Rebated drip mould profile for exposed sites, acoustic gasket.

ROLLERS

Polyamide-flanged and -hooped rollers on needle bearings, replaceable without dismantling leaf.

4 roller types, single, double, standard or adjustable.

Max. weight per leaf:

- 2 single rollers: 100kg (60kg on polyamide rail)
- 2 double rollers: 200kg (120kg on polyamide rail)

CLOSING MECHANISMS

- Half-moon 1-point closing mechanism with pull handle.
- Manual closing mechanism with mullion-integrated thumb pull and foolproofing mechanism.
- Single inside thumb pull closing mechanism.
- Double inside/outside thumb pull closing mechanism.
- Double keyed thumb pull closing mechanism (outside cylinder)
- Automatic thumb pull closing mechanism.

■ Options:

- Open/close thumb pull.
- Filled or open pull handle. Pass-keyed closing mechanisms.
- 2 and 3-point security closing mechanisms.

INSTALLATION

Adjustable jack screws.

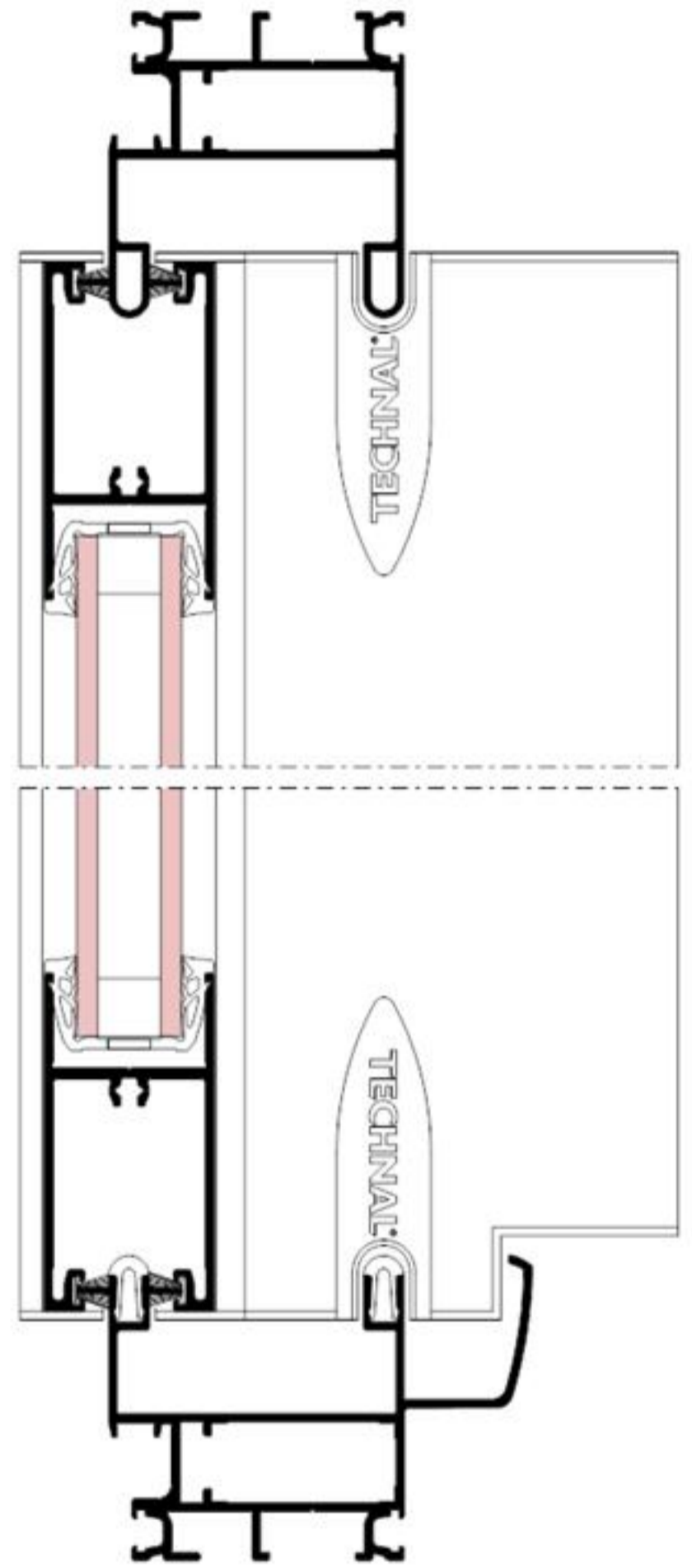
- Flashing to accommodate 80-160mm lining
- Outer frame with integrated pre-frame for 100mm lining
- Single-piece inside sill for offset sill-mounted 100mm and 120mm lining.

TOOLS

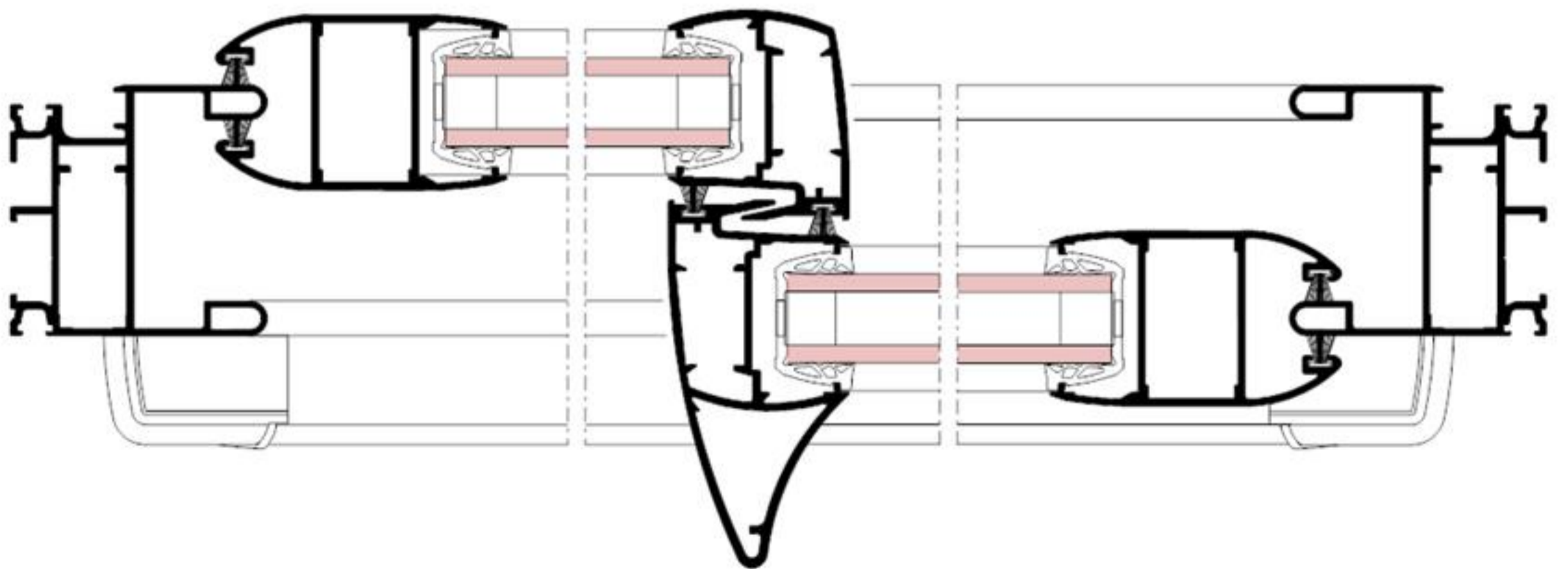
- 1 Perfopack for outer frame punching.
- 1 Perfopack for drainage machining
- 1 Perfopack for jamb machining



Vertical section 1/2 scale



Horizontal section 1/2 scale



Performance

Weathering and durability performance

■ GX Weathering performance (wind, air and water):

A.E.V.: A = Air permeability EN12207
 E = Water permeability EN12208
 V = Wind resistance EN12210

Type	Test report n°	Classification
2-leaf window H= 1.42 W= 1.41	CEBTP certificate N°E213-8-078	A3 - EE - VE
2-leaf patio door H = 2.15 W = 1.80 (1 reinforced central mullion FG029)	CEBTP certificate N° E223-01-024	A* ₃ - E* _{A7} - V* _{C3}
2-leaf patio door H = 2.25 W = 2.80 (1 reinforced central mullion FG029)	CEBTP certificate N° E213-8-077	A3 - E3 - V2
2-leaf patio door H = 2.25 W = 2.80 (2 reinforced central mullions FG029)	Test agreement SOCOTEC R.0598/14	A3 - E3 - VE
Patio door with 3 independent leaves H = 2.25 W = 3.00	CEBTP certificate N° E213-8-079	A3 - E2 - V2
Patio door with 3 leaves and 3 rails H = 2.25 W = 3.00	CEBTP certificate N° E213-8-082	A3 - EE - V2

■ GX Acoustic performance:

Measures taken using standards NF S31-051 – EN ISO 140 - EN ISO 717

2-leaf window frame dimensions H= 1480 x W = 1470

Applications	Glass	Gaskets	Alternative	Test report n°	Sound insulation Results dB		
					Surrounding sound R _{A, tr}	Traffic Sound R _A	RW
Standard outer frame	38 - 23	Sliding	Weathering set	625329	33	32	33
Standard outer frame	35 - 20	Sliding	Weathering set	625331	33	31	33
Standard outer frame	4.12.4	Sliding	Weathering set	625328	31	29	31
Standard outer frame	4.12.4	Brush		625330	31	29	31
Styled outer frame	38 - 23	Sliding	Weathering set	625325	35	33	35
Styled outer frame	35 - 20	Sliding	Weathering set	625326	34	33	34